**Dr. Iakovos Yakoumis, MEng, PhD**
**Chemical Engineer, National Technical University of Athens (NTUA)**

Dr. Iakovos Yakoumis is a Chemical Engineer, graduate of the National Technical University of Athens (NTUA). He completed his Diploma Thesis at the SHELL Research Centre in Amsterdam, specialising in Thermodynamics and Phase Equilibria and holds a PhD from NTUA's School of Mining and Metallurgical Engineering, focusing on precious metals recycling from automotive catalysts. His doctoral dissertation received the "Iakovos Giourounlian" Prize from the NTUA Senate and the Stassinopoulos Foundation for the best industrial PhD thesis.

He is Founder and CEO of MONOLITHOS Catalysts & Recycling Ltd., with extensive industrial and commercial experience in catalysis, emission control, critical raw materials recycling and circular economy technologies. At the age of 26, he received the national "Young Entrepreneur of the Year" award from the Hellenic Organization of Small and Medium Enterprises. He has coordinated over 12 European R&I projects (Horizon 2020, EIT RawMaterials and Horizon Europe) and led MONOLITHOS R&I team in more than 30 others.

He holds 6 European patents and has authored more than 47 peer-reviewed scientific publications (h-index: 21, with over 3,400 citations). ResearchGate, ranks him among the top 6% of researchers worldwide, across all scientific fields.

He teaches the postgraduate course "Environmental Permitting and Life Cycle Assessment" at Democritus University of Thrace and the undergraduate course "Industrial Chemistry" at Aegean College (University of Essex). He has delivered over 40 lectures at international scientific conferences and universities across Greece and Europe. He has also served on one PhD examination committee (University of Torino) and four MSc thesis examination committees (University of Liège, University of Oulu, among others).

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